Daniel Rodrigues

rcdan22@gmail.com ❖ +44 0 749 077 0351 ❖ Hounslow, London, United Kingdom

KEY SKILLS

- **Languages / Scripting:** JavaScript, Java, Python, HTML / CSS, Shell / Bash
- **Libraries / Frameworks:** Java Spring, React, NodeJS, Express.js, Material UI, Scikit-Learn, Pandas, NumPy
- **Software / Tools:** Git, CI/CD (Jenkins), Containerization (Docker, Podman), MySQL, Microservices, Micro-Frontends, Jupyter Notebook, Google Colab

EDUCATION

Sep. 2020 – June 2024   *Expected Grade: First, BSc (Hons) Computer Science*
London, United Kingdom   Brunel University London
- **Relevant modules:** Group Project (Fullstack Web Development) (A*); Algorithms and their Applications (A*); Software Development and Management (A+); Networks and Operating Systems (A*)

Sep. 2018 – July 2020   *Distinction, UAL Extended Diploma in Creative Media Production and Technology*
London, United Kingdom   Uxbridge College (HCUC)

WORK EXPERIENCE

June 2022 – June 2023   Technology Placement Intern (FullStack Software Developer)
London, United Kingdom   Nomura International Plc
- Independently researched and led the development of a React.js Microfrontend-based frontend architecture for a new UI project.
- Decreased development time of new pages by creating an optimized common-component react library.
- Mentored two inexperienced team members in JavaScript and React by having peer-programming sessions, reviewing their code and often suggesting optimisations.
- Automated the build and deployment of all Microfrontends by implementing a Jenkins CI/CD pipeline.
- Led the development of the UI under the supervision from technical lead and manager. Incorporated user-feedback to improve UX.
- Created a backend-for-frontend style Express.js server to handle serving the microfrontends better.
- Developed an end-to-end fullstack login service using Spring Security, LDAP authentication, and React.
- Wrote a document retrieval backend feature using Java Springboot, MySQL, and the MVC pattern.

June 2021 – July 2021   Data Science Intern
London, United Kingdom   ICIS (LexisNexis Risk Solutions Group)
- Worked on a web analytics projects, involving 90 million rows of user-generated data.
- Carried out data preprocessing, statistical modelling and deep learning analyses, and prepared visualisations as graphs and dashboards using Jupyter notebook and Python.
- Cleaned, sorted, aggregated, normalized, and preprocessed datasets frequently.
- Commended by senior-level management at the end of the internship.

PERSONAL PROJECTS

CodeWalker (Fullstack Webapp):
- Created a website with React and Springboot to run code and perform multiple checks and tests on it to help classmates struggling to pass their coding assignments.
- Website was used by dozens of classmates to prepare for tests and assignments through the year.

Frontend: https://codewalker-cs2004.netlify.app/

Backend: [Google Drive Link](#) (JAR file; must be run on desktop due to needing to create/delete files)

Personal Portfolio Website:

- Created a stylised frontend website using HTML, CSS, and JavaScript as a personal portfolio website.
Link: https://theaughat.github.io/Personal-Portfolio/

HOBBIES AND INTERESTS

Building video games; Digital art and Illustration; Creative writing; watching TV shows, Artificial Intelligence; Space; following the latest SciTech news; Futurism; Reading manga and science-fiction novels.